Instructions for Setting Up and Running the Application

“Labseq Sequence”

Overview

The application consists of two independent services:

1. Back-end: Implemented in Quarkus, responsible for the logic and provision a REST API.
2. Front-end: Developed in Angular, responsible for the graphical interface for user interaction.

These services are executed using Docker, which automates the creation, configuration, and execution of the containers.

**Prerequisites**

1. Docker: [Installation Guide](https://docs.docker.com/get-started/introduction/get-docker-desktop/)
2. Docker Compose: [Installation Guide](https://docs.docker.com/compose/)

**Build and Run Containers**

Run the following command in the directory where the *docker-compose.yml* file is located:

docker-compose up --build

This command:

* Builds the Docker images for both services.
* Starts the containers based on the configurations in the *docker-compose.yml* file*.*

**Access the Application**

* To access the graphical interface - <http://localhost:4200>.
* To access the API - <http://localhost:8080>.

**Additional Commands**

* To stop container: docker-compose down
* To remove images and containers (clean environment): docker-compose down --rmi all